In the Claims

Please cancel claim 2-6 without prejudice. Applicant reserves the right to pursue this subject matter in this or any other appropriate patent application. The cancellation of these claims is not an admission regardiung the patentability of this subject matter and should not be so construed.

1. (Amended) A compound comprising a glycosyl moiety having a nitrogen-based substituent linked to a carbon atom within said glycosyl moiety,

[wherein said nitrogen-based substituent is selected from the group consisting of -NH₂, - $N^{+}(CH_3)_3$,

 $-(CH_2)_n-N(R_{10})_3$, and $-NH-C(N^+H_2)-NH_2$, and

wherein substituents linked to other carbon atoms within said glycosyl moiety are independently selected from the group consisting of hydrogen, -alkyl, -O-alkyl,

-O-C(O)-alkyl,-O-CH₂-CH₂(O-C(O)-R₆)-CH₂(O-C(O)-R₇),

 $-O-CH_2-CH_2(OR_6)-CH_2(OR_7)$, $-O-CH_2-CH_2(R_6)-CH_2(R_7)$,

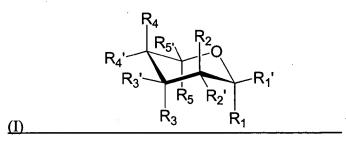
-O- $(CH_2)_m$ -cholesterol, polyethylene glycol,

 $-O-(CH_2)_n-N(R_8)_3$, $-NH_2$, $-N^+(CH_3)_3$, $-(CH_2)_n-N(R_9)_3$, and

-(CH₂)-OR₁₀,

wherein R_6 , R_7 , R_8 , R_9 , and R_{10} are independently selected from the group consisting of hydrogen, methyl, and alkyl,

wherein m is selected from the group consisting of 0, 1, 2, 3, 4, and 5, and wherein n is selected from the group consisting of 1, 2, 3, 4, and 5] wherein said compound has a structure set forth in formula I:



wherein R_1 and R_1 are independently selected from the group consisting of hydrogen, - OCH₃, -alkyl, -O-alkyl, -O-C(O)-alkyl,

-O-CH2-CH2(alkyl)-CH2(alkyl),

-O-CH2-CH2(O-alkyl)-CH2(O-alkyl),

-O-CH2-CH2(O-C(O)-alkyl)-CH2(O-C(O)-alkyl),

-O-(CH₂)_m-cholesterol, -O-(CH₂)_n-NH₂, and

 $-O-(CH_2)_n-N^+(CH_3)_3$

wherein said alkyl moiety is a straight chain hydrocarbon moiety having 14, 16, or 18 carbon atoms and 0, 1, 2, or 3 unsaturations

wherein R_2 and R_2 ' are independently selected from the group consisting of hydrogen, - NH_2 , $-N^+(CH_3)_3$, and $-NH-C(N^+H_2)-NH_2$;

wherein R_3 , R_3 , R_4 , R_5 and R_5 are independently selected from the group consisting of hydrogen, -OH, -alkyl, -O-alkyl, -O-C(O)-alkyl, and -(CH₂)-OH

wherein $R_{\underline{0}}$ is hydrogen, and wherein $R_{\underline{1}}$, $R_{\underline{8}}$, $R_{\underline{9}}$, and $R_{\underline{10}}$ are independently selected from the group consisting of hydrogen, methyl, and alkyl,

wherein m is selected from the group consisting of 0, 1, 2, 3, 4, and 5, and wherein n is selected from the group consisting of 1, 2, 3, 4, and 5;

provided that R_5' is not -CH₂-O-C(O)-(CH₂)₁₄CH₃ when R_3' and R_4' are -OH, R_2' is -NH₂, and R_1' is -OCH₃; and

provided that R_5' is not -CH₂-O-C(O)-(CH₂)_pCH₃, wherein p is selected from the group consisting of 10, 12, 14, or 16, when R_3' is identical to R_5' , R_4' is -OH, R_2' is -NH₂, and R_1' is -OCH₃.

7. (Amended) The compound of claim [6] 1 having the structure set forth in formula (II):

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